



STATE OF IOWA

CHESTER J. CULVER, GOVERNOR
PATTY JUDGE, LT. GOVERNOR

DEPARTMENT OF NATURAL RESOURCES
RICHARD A. LEOPOLD, DIRECTOR

TO: Honorable Governor Chester J. Culver
Mark Brandsgard, Chief Clerk of the House
Michael Marshall, Secretary of the Senate
Ron Parker, Senate Democrat Caucus
Peter Matthes, Senate Republican Caucus
Joseph Romano, House Democrat Caucus Staff
Jeff Mitchell, House Republican Caucus Staff
Jamie Cashman, Governor's Office

FROM: Richard A. Leopold, Director
Iowa Department of Natural Resources

DATE: January 14, 2009

SUBJECT: BE Smart Iowa – Building Energy Smart Iowa Annual Report

The Iowa Department of Natural Resources respectfully submits its BE Smart Iowa Annual Report, as directed by SF 517. This report outlines FY2008 accomplishments as well as our FY2009 Building Energy Smart Implementation plan.

If you should have any questions, please contact Monica Stone at (515) 242-6011 or Monica.Stone@dnr.iowa.gov

BE Smart Iowa

Building Energy Smart Iowa - Fiscal Year 2008 Annual Report

Energy optimized buildings offer the tremendous opportunity to enhance economic performance and reduce environmental impact. A consistent track record of success in both capital and operational cost savings make the case for government investment in energy efficiency stronger than ever. At a time when job creation and driving economic prosperity are foremost in people's minds, it makes sense to invest heavily in energy efficiency, which is one of the few remaining economic sure bets available.

History

For more than 20 years, the Iowa Building Energy Management program provided the technical expertise and access to financing necessary to achieve significant energy improvements in public buildings. With a record of results including the investment of \$213 million in energy efficiency, which returned more than \$325 million in energy cost savings to Iowa's taxpayers, these programs were not only an Iowa success story, but a model for many other state's public building's programs. However, like many long-term program offerings, the time has come for an invigorated initiative that meets the needs of public buildings today, and for many years to come.

Fiscal Year 2008 Accomplishments

Identified and implemented \$5.5 million in energy improvements in public schools and state agencies, with a projected annual savings of \$420 million.

Fiscal Year 2009 Building Energy Smart Implementation

With the FY2009 development of the Building Energy Smart program, the Department of Natural Resources, in partnership with the Office of Energy Independence, will offer a new paradigm for increasing the level of investment in energy efficient buildings in Iowa. This initiative involves a broad team of experts in energy, education, engineering, construction, public finance and law to ensure:

- The energy efficient design, construction and operation of public buildings and incorporation of renewable energy sources
- Life cycle cost accounting that balances the first cost of buildings with the long term energy, environmental and economic impacts
- Education of building owners, developers, design and construction professionals

Specifically, in the coming year, BE Smart Iowa will:

- Determine the scope of cost effective investment available in public agencies by completing walk-through analyses of public buildings
- Identify key buildings to target for the greatest impact and complete pilot projects that ensure the program meets client expectations.
- Identify the existing financial and technical resources available to meet the need; identify the gaps
- Implement cost effective improvements
- Report on the economic and environmental impact of the energy efficiency and renewable energy efforts of state agencies

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Building Energy Smart ensures that all of Iowa's public buildings perform at optimal levels of energy efficiency and incorporate cost-effective renewable energy generation